Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 23 Sep 2023 until 23:59 on Sunday 24 Sep 2023

Forecast Issued on Friday 22 Sep 2023 at 16:32

Confidence: High for drier and settled theme Saturday. Low for detail of rain arriving Sunday. Very low later in the week.

Headline for Saturday 23 Sep 2023: Mostly dry with some bright spells in the morning and early afternoon.

Mountain weather hazards on Saturday 23 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Cloudy	Sunny intervals	Cloudy	Sunny	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	10%	10%	10%	10%	20%

Forecast for Saturday 23 Sep 2023

Weather: Dry overnight but some morning mist likely. Plenty of sunny spells will develop during the day and as the winds turn southerly it will feel a little warmer. Clouding over from the west during the evening. Rain arriving overnight.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Patchy cloud in the morning above 700m on more exposed north facing hills, this will lift and clear, very good visibility throughout the day, perhaps turning hazy in the evening as cloud thickens.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 23 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 NW	8/11 N	4/7 N	6/8 SW	12/16 SW	13/18 SW	9/13 S	12/20 S	22/33 S
300	5/13 NW	5/12 N	3/6 NW	4/7 SW	9/15 SW	8/15 SW	3/10 S	5/17 S	11/26 S
Valley	6/15 N	3/10 N	1/3 E	2/4 SW	7/13 SW	8/15 SW	3/9 SE	6/16 SE	11/28 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	6/4	5/4	7/5	8/6	9/6	8/6	9/6	8/4
300	8/7	8/7	6/6	9/9	12/10	12/10	9/9	10/8	10/8
Valley	10/8	8/8	7/6	10/10	13/12	13/12	11/11	11/10	12/10
Freezing Level*	1700m	1600m	1400m	1300m	1300m	1400m	1500m	2400m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds strengthening later in the day, otherwise a pleasant day for walking. Layers recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 22 Sep 2023	1.2mm	6.2mm	25.2mm

Forecast for Sunday 24 Sep 2023

Weather: Outbreaks of rain throughout the day, areas exposed to the southwesterly winds will see the most persistent and heavy rain during the afternoon and evening accompanied by southerly gales, some localised flooding of watercourses is possible. Feeling quite mild.

Maximum wind: Southerly 35 gusts 45-50mph during the afternoon.

Chance of cloud-free hill tops above 600m: 20% perhaps more chance around eastern hills.

Low Cloud and visibility: Scattered or broken cloud layers above 300m, a few breaks possible further east cloud lifting to 500m later in the day. Moderate or poor visibility in persistent rain in the afternoon.

Temperature: **Valleys:** Plus 9 rising to 15 Celsius.
At 600m: Plus 8 rising to 13 Celsius.
Freezing level: Above summits.

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